Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 21 May 2023 until 23:59 on Monday 22 May 2023

Forecast Issued on Sunday 21 May 2023 at 03:35

Confidence: High for ongoing dry conditions, until late Wednesday and Thursday, then falling to Moderate. Mostly High for cloud detail, but low for extent of early morning low level cloud on Monday.

Headline for Sunday 21 May 2023: Early valley mist and fog patches lifting. Cloud breaking to give long sunny periods.

Mountain weather hazards on Sunday 21 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny	Sunny	Clear night
Precipitation probability					
<05%	<05%	00%	00%	00%	00%

Forecast for Sunday 21 May 2023

Weather: Dry start, with any shallow valley mist or fog patches clearing, and early cloud breaking. Long sunny periods developing by the afternoon, with strong sunshine. High UV levels are expected. Feeling warm when out of the light breeze, but still rather cool on the tops. Likely staying clear into the evening.

Chance of cloud-free hill tops above 600m: 80% at first, but soon improving to 100%

Low Cloud and visibility: The odd patch of mist or valley fog possible at first, limiting views below 300m. This soon clearing, with good views expected across the hills, as any further cloud remains above summit level.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 21 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/4 NW	5/6 NE	8/11 NE	8/12 NE	10/15 E	8/14 E	6/11 NE
300	0/3 NE	3/5 N	6/10 NE	6/11 NE	8/15 E	7/15 NE	5/11 NE
Valley	1/2 E	2/4 NW	4/9 N	5/9 N	6/11 N	6/11 E	4/8 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/10	11/10	13/11	14/12	12/10	9/7	8/6
300	11/10	14/13	16/15	17/16	16/14	9/8	7/6
Valley	12/12	14/14	17/16	18/17	17/16	12/11	9/8
Freezing Level*	2000m	2100m	2100m	2000m	1900m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A warm day in the sunshine, once early cloud clears, although still with a light but chilly spring breeze in exposure. High UV levels will bring a risk of sunburn, with appropriate sun protection needed.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 21 May 2023	0.2mm	1.8mm	1.8mm

Forecast for Monday 22 May 2023

Weather: High cloud will thicken from the northwest through Monday morning, along with low cloud potentially spreading west from the North Sea, perhaps with the odd spot of drizzle. Cloud will lift and break through the day, but potentially persisting across some northern and eastern hills. As cloud breaks, warm sunny spells are likely to develop, but still feeling cool in the breeze.

Maximum wind: Northerly 10-15mph strengthening to Northerly 15-20mph with 30mph gusts by the afternoon.

Chance of cloud-free hill tops above 600m: 60% until mid-morning, then 90%

Low Cloud and visibility: Low cloud potentially obscuring tops above 300m during the early hours and around dawn, mainly in the east, but lifting through the morning. Cloud then largely above the summits with very good views of distant hills expected. Although isolated patches could linger across a few northern and eastern hills above 400m

Temperature: **Valleys:** Plus 4 Celsius rising to Plus 15 Celsius
At 600m: Plus 8 Celsius rising to Plus 12 Celsius
Freezing level: Above summits.

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